

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: FORS-06449	Serial No.: 09/930,535	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use Several Sheets If Necessary)				Applicant: Raymond F. Cracauer <i>et al.</i>		
(37 CFR § 1.98(b))				Filing Date: 8/15/01	Group Art Unit: 1743	

U.S. PATENT DOCUMENTS							
Examiner Initials	Cite Not	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
		5,472,672	12/5/95	Bennan	422	131	10/22/93
		5,368,823	11/29/94	McGraw <i>et al.</i>	422	1340	2/11/93
		5,935,527	8/10/99	Andrus <i>et al.</i>	422	131	4/29/93
		5,865,224	2/2/99	Ally <i>et al.</i>	141	130	12/20/96
		6,280,950	8/28/01	Lipshutz <i>et al.</i>	435	6	10/28/99
		6,270,730	8/7/01	McLuen <i>et al.</i>	422	131	6/16/98
		6,264,891	7/24/01	Heyneker <i>et al.</i>	422	64	5/18/99
		6,126,904	10/3/00	Zuellig <i>et al.</i>	422	130	9/5/97
		6,171,555	1/9/01	Cargill <i>et al.</i>	422	104	3/6/98
		6,150,102	11/21/00	Mills, Jr. <i>et al.</i>	435	6	5/15/98
		6,096,276	8/1/00	Laursen	422	103	8/14/91
		6,045,755	4/4/00	Lebl <i>et al.</i>	422	65	3/10/97
		5,792,430	8/11/98	Hamper	422	131	8/11/98
		5,770,157	6/23/98	Cargill <i>et al.</i>	422	99	9/18/96
		5,580,523	12/3/96	Bard	422	50	4/1/94
		5,443,791	8/22/95	Cathcart <i>et al.</i>	422	65	8/7/92
		6,329,210	12/11/01	Schleifer	436	518	10/29/99
		6,175,006	1/16/01	Andrus <i>et al.</i>	536	25.4	3/30/99
		6,057,424	5/2/00	Vail, III	530	333	3/24/97
		5,981,733	11/9/99	Gamble <i>et al.</i>	536	25.3	9/16/96
		5,885,837	3/23/99	Winkler <i>et al.</i>	435	91.1	10/23/96
		5,840,841	11/24/98	Zuckermann <i>et al.</i>	530	338	5/8/97
		5,541,314	7/30/96	McGraw <i>et al.</i>	536	25.31	8/2/94
		5,466,608	11/14/95	Lapluye <i>et al.</i>	436	86	9/7/93
		5,462,748	10/31/95	Lloyd <i>et al.</i>	424	484	1/14/94
		5,298,259	3/29/94	Lloyd <i>et al.</i>	424	486	11/5/91
		5,262,530	11/16/93	Andrus <i>et al.</i>	536	25.31	7/27/90
		5,153,319	10/6/92	Caruthers <i>et al.</i>	536	27	3/31/86
		5,143,418	7/21/92	Caruthers <i>et al.</i>	536	27	6/18/94
		5,112,575	5/12/91	Whitehouse <i>et al.</i>	422	116	2/14/91
		5,047,524	9/10/91	Andrus <i>et al.</i>	536	27	12/21/88
		4,744,037	5/10/88	Niina <i>et al.</i>	364	497	7/15/85
		4,517,338	5/14/85	Urdea <i>et al.</i>	525	54.11	7/13/84
		4,598,049	7/1/86	Zelinka <i>et al.</i>	435	287	8/31/83

Examiner:	Date Considered: 10/25/05
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(Use Several Sheets If Necessary)Applicant: Raymond F. Cracauer *et al.*

(37 CFR § 1.98(b))

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Group Art Unit: 1743

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
<i>R</i>	35	4,483,964	11/20/84	Urdea <i>et al.</i>	525	54.11	6/20/83
<i>I</i>	36	4,458,066	7/3/84	Caruthers <i>et al.</i>	536	27	3/24/81
	37	4,353,989	10/12/82	Bender <i>et al.</i>	435	287	1/19/81
	38	6,177,554	1/23/01	Woo <i>et al.</i>	536	23.1	6/5/95
	39	5,736,626	4/7/98	Mullah <i>et al.</i>	536	25.3	1/29/96
	40	5,723,599	3/3/98	Klem <i>et al.</i>	536	25.3	3/22/95
	41	5,703,218	12/30/97	Urdea <i>et al.</i>	536	23.1	4/13/95
	42	5,668,268	9/16/97	Tang <i>et al.</i>	536	25.3	11/27/95
	43	5,652,358	7/29/97	Pfleiderer <i>et al.</i>	536	25.3	11/3/94
	44	5,639,873	6/17/97	Barascut <i>et al.</i>	536	25.3	8/4/94
	45	5,518,651	5/21/96	Reddy <i>et al.</i>	252	193	6/8/94
	46	5,264,562	11/23/93	Matteucci	536	23.1	4/24/91
	47	4,950,745	8/21/90	Ishido <i>et al.</i>	536	58	6/27/88
	48	6,313,284 B1	11/6/01	Kwiatkowski <i>et al.</i>	536	25.3	3/30/00
	49	6,225,061 B1	5/1/01	Becker <i>et al.</i>	435	6	3/10/99
	50	6,165,717	12/26/00	Dower <i>et al.</i>	435	6	5/13/98
	51	5,874,554	2/23/99	Gamble <i>et al.</i>	536	22.1	12/13/96
	52	5,789,162	8/4/98	Dower <i>et al.</i>	435	6	6/7/95
	53	5,726,300	3/10/98	Klem <i>et al.</i>	536	25.34	6/15/94
	54	5,703,223	12/30/97	Wickstrom <i>et al.</i>	536	25.33	9/2/94
	55	5,700,919	12/23/97	Seliger <i>et al.</i>	536	22.1	1/10/95
	56	5,668,266	9/16/97	Ruth	536	25.3	5/12/95
	57	5,646,267	7/8/97	Stec <i>et al.</i>	536	25.33	6/5/95
	58	5,620,852	4/15/97	Lin <i>et al.</i>	435	6	10/31/94
	59	5,616,700	4/1/97	Reddy <i>et al.</i>	536	25.3	11/18/93
	60	5,548,076	8/20/96	Froehler <i>et al.</i>	536	25.34	8/13/93
	61	5,514,789	5/7/96	Kempe	536	25.4	4/21/94
	62	5,324,831	6/28/94	Marquez <i>et al.</i>	536	25.3	4/6/88
	63	5,264,566	11/23/93	Froehler <i>et al.</i>	536	25.34	4/26/90
	64	5,149,798;	9/22/92	Agrawal <i>et al.</i>	536	27	4/6/89
	65	4,734,363	3/29/88	Dattagupta <i>et al.</i>	435	91	11/27/984
	66	4,689,405	8/25/98	Frank <i>et al.</i>	536	27	1/4/84
	67	4,401,796	8/30/83	Itakura	535	340	4/30/81
<i>dr</i>	68	5,112,962	5/12/91	Letsinger <i>et al.</i>	536	27	11/9/90

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(37 CFR § 1.98(b)) AUG 15 2005




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## U.S. PATENT DOCUMENTS

Examiner Initials	File No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
✓	69	3,917,455	11/4/75	Bak <i>et al.</i>	23	253	5/10/74
	70	4,837,159	6/6/89	Yamada	436	45	9/17/85
	71	5,503,805	4/2/96	Sugarman <i>et al.</i>	422	131	11/2/93
	72	5,437,979	8/1/95	Rampal <i>et al.</i>	435	6	8/24/92
	73	5,762,881	6/9/98	Harness <i>et al.</i>	422	132	10/29/96
	74	4,598,045	7/1/86	Masover <i>et al.</i>	435	34	2/19/85
	75	5,053,454	10/1/91	Judd	525	54.11	2/15/89
	76	6,432,365	8/13/02	Levin	422	100	4/14/00
	77	6,238,627	5/29/01	McGowan	422	130	8/26/98
	78	6,264,891	7/24/01	Heyncker	422	64	5/18/99
	79	5,702,672	12/30/97	DeWitt	422	131	10/10/95
	80	3,986,835	10/19/76	Takagi	422	71	5/13/75
	81	6,485,692	11/26/02	Freitag	422	130	12/4/98
	82	5,744,102	4/28/1998	Eadie	422	131	1/30/96
✓	83	5,202,418	4/13/1993	Lebl <i>et al.</i>	530	334	1/24/91
✓	84	5,099,988	3/31/92	Garran	206	223	3/20/91




## U.S. PATENT APPLICATION PUBLICATION

Examiner Initials	Cite No.	Publication Number	Publication Date	Applicant / Patentee	Class	Subclass	Filing Date
  	85	2001/0022950	9/20/01	Hall <i>et al.</i>	422	131	5/18/01
	86	2001/0007644	7/12/01	McLuen <i>et al.</i>	422	131	12/19/00
	87	2001/0001035	5/10/01	McLuen <i>et al.</i>	422	100	12/19/00
	88	2001/0000723	5/3/01	McLuen <i>et al.</i>	422	100	12/19/00

**FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS**

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	89	WO99/65602	23 Dec. 99					
	90	WO 00/56445	28 Sept. 00					
	91	WO 91/13084	5 Sept. 91					
	92	WO 98/36829	27 Aug. 98					
	93	WO 98/39099	11 Sept. 98					
	94	WO 98/57181	17 Dec. 98					
	95	WO 98/10857	19 Mar. 98					
	96	WO 01/41918						

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">  </div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">97</div> <div style="border: 1px solid black; padding: 2px;">User's Manual ABI 3900 High Throughput DNA Synthesizer, Applied Biosystems (2001)</div> </div>	
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